

SR 99 Alaskan Way Viaduct and Seawall Replacement

Revised June 2004

Scenario

Rebuild Plan



Project Description:

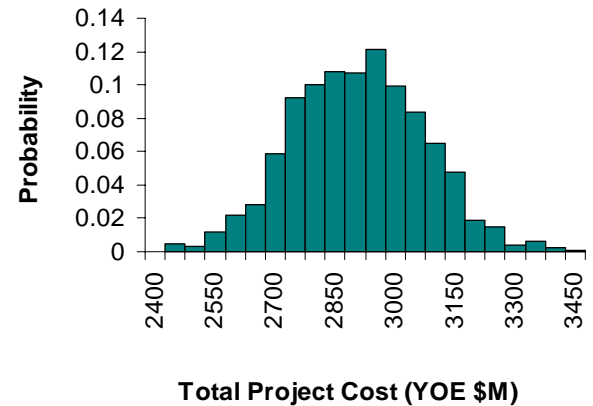
- Rebuilds viaduct in the same location with slightly wider lanes and some shoulders.
- Rebuilds seawall from Washington Street to Myrtle Edwards Park.
- Replaces the south end of the viaduct with a surface SR 99 roadway. Connections to Royal Brougham and Atlantic provided by overpasses crossing over SR 99.
- Restores Alaskan Way surface street with 4 lanes.
- Provides improved pedestrian and bicycle access along Alaskan Way.

Schedule:

Begin Construction: 2008

End Construction Range: 2014 - 2015

CEVP Result:



Project Benefits:

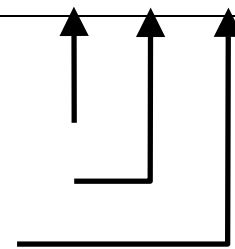
- Reduces seismic risk for viaduct and seawall.
- Rebuilds double deck portion of viaduct with 75 year design life.
- Maintains current highway capacity.
- Improves access and circulation to stadium area, waterfront piers and Port terminals in south end.
- Construction can be phased over time if funding dictates (costs would be adjusted accordingly).
- Improves storm water treatment by upgrading to current requirements, which reduces storm water pollution.
- Maintains view from aerial structure.

Project Cost Range:

10% chance the cost < \$2.7 Billion

50% chance the cost < \$2.9 Billion

90% chance the cost < \$3.1 Billion



Project Risks:

- Catastrophic failure of viaduct and/or seawall could occur before replacement, which could result in a more expensive emergency replacement.
- Complex construction in a dense urban area.
- Limited number of contractors qualified and available to pursue a project this large.
- Potential legal challenges.

What's Changed Since 2003 CEVP:

- Scope: Soil improvements scope defined. Broad Street underpass removed, no improvements to Battery Street Tunnel.
- Schedule: No major changes.
- Cost: Reduction in cost of about \$400M.

Financial Fine Print (Key Assumptions):

- Inflation escalation is to 2012, approximate midpoint of construction.
- Additional federal, state, regional and local money needed to complete project.
- Project cost range includes \$ 35 million in past expenses, beginning 2001.

Level of Project Design:



June 1, 2004

